

Amendments to the Specification:

Please amend the specification as follows:

- Please replace the paragraph starting at page 47, line 7, with the following rewritten paragraph:

Referring now to Figure 2, an alternate presently preferred embodiment of a multi-compartment capsule 110 is shown comprising a primary capsule 111, a secondary capsule 120 and a tertiary capsule 130. The tertiary capsule 130 includes a base 134, a corresponding cap 132 and a receiving chamber 138 formed between the base and cap. The receiving chamber 138 is preferably formed having an internal periphery sufficient for receiving at least one active ingredient or medicament (*e.g.*, pharmaceutical, biotechnical, nutraceutical, vitamin, dietary supplement, mineral or combination thereof). Structurally, the tertiary capsule 130 is configured having a size sufficient for being selectively introduced within at least a portion of an internal periphery of a receiving chamber 128 defined between a base 124 and a corresponding cap 122 of the secondary capsule 120. One or more active ingredients or medicaments (*e.g.*, pharmaceutical, biotechnical, nutraceutical, vitamin, dietary supplement, mineral or combination thereof) may be introduced into at least a portion of the receiving chamber 128 of the secondary capsule 120, together with the introduction of the tertiary capsule 130 comprising its active ingredient(s). The secondary capsule 120 having its active ingredient(s) and housing the tertiary capsule 130 with its active ingredient(s) may then be selectively introduced within at least a portion of an internal periphery of a receiving chamber 118 of the primary capsule 111 defined between a base ~~124~~ 114 and a corresponding cap ~~122~~ 112. Preferably, the receiving chamber 118 of the primary capsule 111 may also include one or more active ingredients or medicaments (*e.g.*, pharmaceutical, biotechnical, nutraceutical, vitamin, dietary supplement, mineral or combination thereof) introduced therein.

- Please replace the paragraph starting at page 58, line 22, with the following rewritten paragraph:

In one presently preferred embodiment, the dividing walls 626a, 626b, 626c, 626d, ~~426e~~ 626e are preferably disposed or seated in a spaced apart relationship within the internal periphery of the base 624 of the secondary capsule 620 along the length of the longitudinally extending body, whereby forming five (5) independent receiving chambers 628a, 628b, 628c, 628d, 628e. Each receiving chamber 628a, 628b, 628c, 628d, 628e of the secondary capsule 620 are preferably configured having an internal periphery dimensionally sufficient for receiving one or more active ingredients or medicaments (*e.g.*, pharmaceutical, biotechnical, nutraceutical, vitamin, dietary supplement, mineral or combination thereof) therein.

- Please replace the paragraph starting at page 63, line 15, and ending on page 64, line 2, with the following rewritten paragraph:

Preferably, the filling material 840 introduced into at least a portion of the internal periphery of the cap 812 may include a hydrophilic polymer, such as gelatin. It will be readily appreciated by those skilled in the art that other filling materials may be used, such as, for example, starch, casein, chitosan, soya bean protein, safflower protein, alginates, gellan gum, carrageenan, xanthan gum, phtalated gelatin, succinated gelatin, cellulosephtalate-acetate, polyvinylacetate, hydroxypropyl methyl cellulose, (HPMC), oleoresin, polyvinylacetate-phtalate, polymerisates of acrylic or methacrylic esters, and mixtures thereof, or the like, and/or combinations thereof. In other presently preferred embodiments of the present invention, the filling material 840 may include the introduction of an inert compound, for example, nitrogen gas into at least a portion of the internal periphery of the cap ~~844~~ 812. Based on the principals of eliminating or reducing the volume dead space in

multi-compartment capsules disclosed herein, those skilled in the art will readily recognize other possible modifications and combinations which are consistent with the spirit and scope of the present invention. It is intended, therefore, that the examples provided herein be viewed as exemplary of the principles of the present invention, and not as restrictive to a particular structure or process for implementing those principles.

- Please replace the paragraph starting at page 66, line 20 and ending on page 67, line 7, with the following rewritten paragraph:

Preferably, the filling material 940 introduced into at least a portion of the internal periphery of the cap 912 may include a hydrophilic polymer, such as gelatin. It will be readily appreciated by those skilled in the art that other filling materials may be used, such as, for example, starch, casein, chitosan, soya bean protein, safflower protein, alginates, gellan gum, carrageenan, xanthan gum, phthalated gelatin, succinated gelatin, cellulosephthalate-acetate, polyvinylacetate, hydroxypropyl methylcellulose, oleoresin, polyvinylacetate-phthalate, polymerisates of acrylic or methacrylic esters, and mixtures thereof, or the like, and/or combinations thereof. In other presently preferred embodiments of the present invention, the filling material ~~840~~ 940 may include the introduction of an inert compound, for example, nitrogen gas into at least a portion of the internal periphery of the cap 912. Based on the principals of eliminating or reducing the volume dead space in multi-compartment capsules disclosed herein, those skilled in the art will readily recognize other possible modifications and combinations which are consistent with the spirit and scope of the present invention. It is intended, therefore, that the examples provided herein be viewed as exemplary of the principles of the present invention, and not as restrictive to a particular structure or process for implementing those principles.

- Please replace the paragraph starting at page 76, line 5, with the following rewritten paragraph:

The administration of glucosamine, a naturally occurring substance in mucopoly-saccharides, mucoproteins and chitin, is believed to promote the production of cartilage components and the repair of damaged cartilage. Clinical findings support that fibroblast cells increased production of ~~mucopolysaccharide~~ mucopolysaccharide and collagen synthesis when glucosamine was added.

- Please replace the paragraph starting at page 78, line 10, with the following rewritten paragraph:

~~[S-adenosylmethione~~ S-adenosylmethionine (SAME) (solid) & Vitamin E (liquid)]
~~S-adenosylmethione~~ S-adenosylmethionine (SAME), may be derived from two materials: methionine, a sulfur-containing amino acid, and adenosine triphosphate (ATP), the body's main energy compound. SAME was originally developed around 1950 as an antidepressant. Over the years, it has also been found that SAME may assist in alleviating arthritic symptoms, assist in the manufacture of melatonin, which is needed to regulate sleep, help protect DNA from harmful mutations and prevent certain types of nerve damage.

- Please replace the paragraph starting at page 79, line 4, with the following rewritten paragraph:

Receiving Chamber (218a):

S-adenosylmethione <u>S-adenosylmethionine</u>	1000 mg
[200-1600 mg/day]	

Receiving Chamber (218b):

Vitamin E	200 IU
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[200-400 IU/day]

- Please replace the paragraph starting at page 87, line 29 and ending at page 88, line 6, with the following rewritten paragraph:

[Fluoxetine (solid), ~~S-adenosylmethione~~ S-adenosylmethionine (S-AdoMet) (solid) & Vitamin E (liquid)]

As appreciated by those skilled in the art, depression is a mental state characterized by excessive sadness. Depression is one of several forms of mood disorders. Activity in those affected with depression may be agitated and restless or slow and retarded. Those affected may also show pessimistic or despairing behavior and may have disturbances in sleep, appetite and concentration. Depression is often a co-morbid condition with other chronic disease states involving the neurological system, cardiovascular system, respiratory system, endocrine system, musculoskeletal system, immune system, genitourinary system and the like. This list is should not be considered exclusive.

- Please replace the paragraph starting at page 88, line 20, with the following rewritten paragraph:

~~S-adenosylmethione~~ S-adenosylmethionine (S-AdoMet), is derived from two materials: methionine, a sulfur-containing amino acid, and adenosine triphosphate (ATP), the body's main energy compound. S-AdoMet was originally developed around 1950 as an antidepressant, but it was also found to be helpful in the alleviation of arthritic symptoms. S-AdoMet is essential for the manufacture of melatonin, which is needed to regulate sleep. It also helps to protect DNA from harmful mutations and may help prevent certain types of nerve damage. Current clinical research is beginning to confirm these antidepressant qualities of S-AdoMet.

- Please replace the paragraph starting at page 89, line 20, with the following rewritten paragraph:

Receiving Chamber (218a):

Fluoxetine	20 mg
[20 - 60 mg/day]	
S-adenosylmethione <u>S-adenosylmethionine</u>	1000 mg
[200-1600 mg/day]	

- Please replace the paragraph starting at page 94, line 1, with the following rewritten paragraph:

In an alternative presently preferred embodiment of the present invention, therapeutically effective amounts of Rofecoxib and Vitamin E (active ingredients) may be introduced into receiving chambers of a multi-compartment capsule wherein Rofecoxib comprises a physical state (*e.g.*, solid, liquid, gas or dispersion) different from the physical state of Vitamin E. As shown in Figure 2, a therapeutically effective amount of Rofecoxib, in the form of a solid, may be introduced into receiving chamber 118 and 138 and a therapeutically effective amount of Vitamin E, in the form of a liquid, may be introduced into receiving chamber 128 of a multi-compartment capsule 110 of the present invention. The material forming the primary capsule shell 111 may be formulated in a manner allowing for immediate dissolution and release of the ~~of the~~ contents of receiving chamber 118. The material forming the secondary capsule shell 120 may be formulated in a manner allowing for either an immediate dissolution or a time-delayed dissolution and release of the contents of receiving chamber 128. The material forming the tertiary capsule shell 138 may be formulated in a manner allowing for time-delayed dissolution and release of the contents of

receiving chamber 138. In this presently preferred embodiment of the present invention, a total daily dosage of Rofecoxib may be delivered as two separate dosages within a single oral dosage form. One presently preferred embodiment of the present invention thus makes for a more convenient dosage form.

- Please replace the paragraphs starting at page 111, line 18, to page 134, line 48 with the following rewritten paragraphs:

MEDICAMENTS ACTING ON THE AUTONOMIC NERVOUS SYSTEM

Adrenergic Medicaments

Cholinergic Medicaments

Direct Muscarinic Agonists Choline Esters

acetylcholine

bethanechol (~~Urecholine~~ URECHOLINE[®])

carbachol

methacholine (~~Provocholine~~ PROVOCHOLINE[®])

Alkaloids

muscarine

pilocarpine (~~Pilocar~~ PILOCAR[®])

Direct Nicotinic Agonist

nicotine

Acetylcholinesterase Inhibitors Acetylcholinesterase Inhibitors ("Reversible")

edrophonium (~~Tensilon~~ TENSILON[®])

neostigmine (~~Prostigmin~~ PROSTIGMIN[®])

physostigmine (~~Antilirium~~ ANTILIRIUM[®])

Acetylcholinesterase Inhibitors ("Irreversible")

(diisopropylfluorophosphate DFP)

echothiophate (~~Phospholine~~ PHOSPHOLINE[®])

isofluorophate (~~Floropryl~~ FLOROPRYL[®])

Muscarinic Antagonists Atropine

ipratropium (~~Atrovent~~ ATROVENT[®])

pirenzepine

scopolamine

2-PAM: Acetylcholinesterase Reactivator Pralidoxime (Protopam) {2-PAM}: peripheral acetylcholinesterase reactivator for certain phosphoryl-enzyme complexes

Ganglionic Blockers

hexamethonium
mecamylamine (~~Inversine~~ INVERSINE[®])
trimethaphan

Catecholamines

dobutamine (~~Dobutrex~~ DOBUTREX[®])
dopamine (~~Intropin~~ INTROPIN[®])
epinephrine
isoproterenol (~~Isuprel~~ ISUPREL[®])
norepinephrine (~~Levophed~~ LEVOPHED[®])

Direct Adrenoceptor Agonist Medicaments

albuterol (~~Ventolin~~ VENTOLIN[®], ~~Provertil~~ PROVERITIL[®])
clonidine (~~Catapres~~ CATAPRES[®])
methoxamine (~~Vasoxyl~~ VASOXYL[®])
oxymetazoline (~~Afrin~~ AFRIN[®])
phenylephrine (~~Neo-Synephrine~~ NEO-SYNEPHRINE[®])
ritodrine (~~Yutopar~~ YUTOPAR[®])
salmeterol (~~Serevent~~ SEREVENT[®])
terbutaline (~~Brethine~~ BRETHINE[®])

Indirect-Acting Sympathomimetic Medicaments

amphetamine
cocaine
ephedrine, Pseudoephedrine tyramine

Alpha-Adrenoceptor Antagonists Medicaments

doxazosin (~~Cardura~~ CARDURA[®])
labetalol (~~Trandate~~ TRANDATE[®], ~~Normodyne~~ NORMODYNE[®])
phenoxybenzamine (~~Dibenzylamine~~ DIBENZYLINE[®])
phentolamine (~~Regitine~~ REGITINE[®])
prazosin (~~Minipress~~ MINIPRESS[®])
terazosin (~~Hytrin~~ HYTRIN[®])
tolazoline (~~Priscoline~~ PRISCOLINE[®])
trimazosin
yohimbine (~~Yoon~~ YOCON[®])

β -Adrenoceptor antagonist Medicaments

atenolol (~~Tenormin~~ TENORMIN[®])
butoxamine
esmolol (~~Brevibloc~~ BREVIBLOC[®])
labetalol (~~Trandate~~ TRANDATE[®], ~~Normodyne~~ NORMODYNE[®])
metoprolol (~~Lopressor~~ LOPRESSOR[®])
nadolol (~~Corgard~~ CORGARD[®])
pindolol (~~Visken~~ VISKEN[®])
propranolol (~~Inderal~~ INDERAL[®])
timolol (~~Blocadren~~ BLOCADREN[®])

Adrenergic Neuron Blocking Medicaments
guanethidine (~~Ismelin~~ ISMELIN®)
reserpine

CARDIOVASCULAR SYSTEM DISORDERS

Cardiovascular testing and diagnosis
Hypertension (HTN)
Heart Failure
Ischemic Heart Disease
Myocardial Infarction
Arrhythmias
Isolated Diastolic Heart Failure and Cardiomyopathies
Cardiac Transplantation
Venous Thromboembolism
Stroke
Hyperlipidemia
Peripheral vascular disease

Diuretics

carbonic-anhydrase inhibitors
loop diuretics
osmotic diuretics
potassium sparing diuretics
thiazide diuretics

Anitiarrhythmic Medicaments

Sodium Channel blocking agents
isopyramide (~~Norpace~~ NORPACE®)
flecainide (~~Tamboacor~~ TAMBOCOR®)
ibutilide
lidocaine (~~Xylocaine~~ XYLOCAINE®)
mexiletine (~~Mexitil~~ MEXITIL®)
moricizine (~~Ethmozine~~ ETHMOZINE®)
procainamide (~~Pronestyl~~ PRONESTYL®, ~~Procan~~ PROCAN®)
propafenone (~~Rythmol~~ RYTHMOL®)
quinidine
tocainide (~~Tonocard~~ TONOCARD®)

Calcium Channel blocking agents

bepidil (~~Vasocor~~ VASOCOR®)
diltiazem (~~Cardizem~~ CARDIZEM®)
verapamil (~~Isoptin~~ ISOPTIN®, ~~Calan~~ CALAN®)

Adrenergic receptor antagonists

propranolol (~~Inderal~~ INDERAL®)

Other medicaments

adenosine (~~Adenocard~~ ADENOCARD®)
amiodarone (~~Cordarone~~ CORDARONE®)

bretylium (~~Bretylol~~ BRETYLOL[®])
disopyramide (~~Norpace~~ NORPACE[®])
esmolol (~~Brevibloc~~ BREVIBLOC[®])
sotalol (~~Betapace~~ BETAPACE[®])

Hypolipidemic medicaments

HMG CoA Reductase Inhibitors

atorvastatin (~~Lipitor~~ LIPITOR[®])
cerivastatin (~~Baycol~~ BAYCOL[®])
lovastatin (~~Mevacor~~ MEVACOR[®])
pravastatin (~~Pravochol~~ PRAVOCHOL[®])
simvastatin (~~Zocor~~ ZOCOR[®])

Bile-acid sequestrants

cholestyramine (~~Questran~~ QUESTRAN[®])
colestipol (~~Colestid~~ COLESTID[®])

Fibric acids

clofibrate
fenofibrate (~~Tricor~~ TRICOR[®])
gemfibrozil (~~Lopid~~ LOPID[®])
niacin, nicotinic acid
probucol (~~Lorelec~~ LORELCO[®])

Antihypertensive medicaments

Adrenergic receptor antagonists

acebutalol (~~Sectral~~ SECTRAL[®])
atenolol (~~Tenormin~~ TENORMIN[®])
betaxolol (~~Betoptic~~ BETOPTIC[®])
bisoprolol (~~Zebeta~~ ZEBETA[®])
carteolol (~~Cartrol~~ CARTROL[®])
clonidine (~~Catapres~~ CATAPRES[®])
labetalol (~~Normodyne~~ NORMODYNE[®])
metoprolol (~~Toprol~~ TOPROL[®])
penbutalol (~~Levator~~ LEVATOL[®])
pindolol (~~Visken~~ VISKEN[®])
prazosin (~~Minipres~~ MINIPRES[®])
propranolol (~~Inderal~~ INDERAL[®])
terazosin (~~Hytrin~~ HYTRIN[®])
timolol (~~Timoptic~~ TIMOPTIC[®])

Calcium Channel Antagonists

amlodipine (~~Norvasc~~ NORVASC[®])
diltiazem (~~Cardizem~~ CARDIZEM[®])
felodipine (Plendil)
isradipine (~~Dyna-circ~~ DYNACIRC[®])
nicardipine (~~Cardene~~ CARDENE[®])
nifedipine (Procardia PROCARDIA[®])
nimodipine (~~Nimotop~~ NIMOTOP[®])
nisoldipine (~~Sular~~ SULAR[®])
verapamil (~~Isoptin~~ ISOPTIN[®], ~~Catan~~ CATAN[®])

Angiotensin Converting Enzyme (ACE) Inhibitor

benazepril (~~Lotensin~~ LOTENSIN[®])
bepridil (~~Vasacor~~ VASCOR[®])
captopril (~~Capoten~~ CAPOTEN[®])
enalapril (~~Vasotec~~ VASOTEC[®])
fosinopril (~~Monopril~~ MONOPRIL[®])
lisinopril (~~Prinivil~~ PRINIVIL[®], ~~Zestril~~ ZESTRIL[®])
moexipril (~~Univase~~ UNIVASC[®])
quinapril (~~Accupril~~ ACCUPRIL[®])
ramipril (~~Altace~~ ALTACE[®])

Angiotensin II Receptor Antagonists

losartan (~~Cozaar~~ COZAAR[®])
valsartan (~~Diovan~~ DIOVAN[®])

Diuretics

amiloride (~~Midamor~~ MIDAMOR[®])
bumetanide (~~Bumex~~ BUMEX[®])
chlorothalidone (~~Hygroton~~ HYGROTON[®])
ethacrynic acid (~~Edecrin~~ EDECRIN[®])
furosemide (~~Lasix~~ LASIX[®])
hydrochlorothiazide (~~Diuril~~ DIURIL[®])
indapamide (~~Lozol~~ LOZOL[®])
metolazone (~~Zaroxolyn~~ ZAROXOLYN[®])
torsemide (~~Demadex~~ DEMADEX[®])
triamterene

Other Agents

hydralazine (~~Apresoline~~ APRESOLINE[®])
minoxidil (~~Regaine~~ ROGAINE[®])
nitroprusside (~~Nipride~~ NIPRIDE[®])
prazosin (~~Minipres~~ MINIPRES[®])
reserpine
sotalol (~~Brevibloc~~ BREVIBLOC[®])
spironolactone (~~Aldactone~~ ALDACTONE[®])
terazosin (~~Hytrin~~ HYTRIN[®])

Antianginal medicaments

Organic nitrates
Calcium Channel Antagonists
Adrenergic Receptor Antagonists
amyl nitrite
erythryl tetranitrate
isosorbide dinitrate (~~Isordil~~ ISORDIL[®])
nitroglycerin
pentaerythritol tetranitrate

Congestive Heart Failure Medicaments

phosphodiesterase (PDE) inhibitors
amrinone (~~Inocor~~ INOCOR[®])
milrinone (~~Primacor~~ PRIMACOR[®])

carvedilol (~~Cereg~~ COREG[®])
cardiac glycosides
 digitoxin
 digoxin
diuretics
ACE Inhibitors
Dobutamine
dopamine

RESPIRATORY SYSTEM DISORDERS

Asthma
Chronic Obstructive Lung Disease (COLD) / Chronic Obstructive Pulmonary Disease (COPD)
Acute Respiratory Distress Syndrome (ARDS)
Drug-Induced Pulmonary Disease
Cystic Fibrosis
Corticosteroids
 beclomethasone
 betamethasone
 cortisone
 dexamethasone
 fluticasone (~~Flovent~~ FLOVENT[®] / ~~Flonase~~ / FLONASE[®])
 hydrocortisone
 methylprednisolone
 prednisolone
 prednisone
 triamcinolone
sympathomimetics
 albuterol (~~Proventil~~ PROVENTIL[®] / ~~Ventolin~~ / VENTOLIN[®])
 salmeterol (~~Serevent~~ SEREVENT[®])
muscarinic antagonists
 ipratropium (~~Combivent~~ COMBIVENT[®])
leukotriene pathway inhibitors
 montelukast (~~Singulair~~ SINGULAIR[®])
 zafirtukast (~~Accolate~~ ACCOLATE[®])
mast cell stabilizers
 cromolyn (~~Intal~~ INTAL[®])
methylxanthines
 theophylline
 aminophylline
Dnase (Pulmozyme)

GASTROINTESTINAL SYSTEM DISORDERS

Gastro-esophageal Reflux Disease (GERD)
Peptic Ulcer Disease
Inflammatory Bowel Disease

Nausea and Vomiting
Diarrhea, Constipation, Irritable Bowel Disease (IBD)
Portal Hypertension and Cirrhosis
Drug-Induced Liver Disease
Pancreatitis
Viral Hepatitis
Liver Transplantation

Histamine-2 receptor antagonists
famotidine (~~Pepeid~~ PEPCID®)
nizatidine (~~Axid~~ AXID®)
pantoprazole (~~Protonix~~ PROTONIX®)
rabeprazole (~~Aciphex~~ ACIPHEX®)
ranitidine (~~Zantac~~ ZANTAC®)

Proton Pump Inhibitors (PPIs)
esomeprazole (~~Nexium~~ NEXIUM®)
lansoprazole (~~Prevacid~~ PREVACID®)
omeprazole (~~PriLOSEC~~ PRILOSEC®)

Anti-nausea / anti-vertigo medicaments

anticholinergics

antihistamines (Histamine-1 receptor antagonists)

dopamine antagonists

prokinetic gastric stimulant

serotonin 5HT₃ receptor antagonists

dolasetron (~~Anzmet~~ ANZMET®)

granisetron (~~Kytril~~ KYTRIL®)

ondansetron (~~Zofran~~ ZOFRAN®)

other medicaments

hydroxyzine (~~Atarax~~ ATARAX®, ~~Vistaril~~ VISTARIL®)

corticosteroids

benzodiazepines

cannabinoids

Prokinetic gastric stimulants (gastric motility stimulants)

cisapride (~~Propulsid~~ PROPULSID®)

metoclopramide (~~Reglan~~ REGLAN®)

Laxatives

Saline laxatives

magnesium salts

sodium salts

irritant / stimulant medicaments

casara

senna

phenolphthalein

bisacodyl

casanthranol

castor oil

bulk-producing medicaments

methylcellulose

psyllium

polycarbophil

lubricant

mineral oil

surfactants

docusate

miscellaneous

glycerin

lactulose

Anti-diarrheal medicaments

diphenoxylate

atropine

diphenoxin

loperamide

bismuth

lactobacillus

Ulcerative Colitis Medicaments

mesalamine

olsalazine

RENAL SYSTEM DISORDERS

Acute Renal Failure

Progressive Renal Failure / Chronic Renal Failure

NEUROLOGIC SYSTEM DISORDERS

Multiple Sclerosis and inflammatory polyneuropathies

Epilepsy

Parkinson's disease and Movement Disorders

Pain management

Headache

Amyotrophic Lateral Sclerosis

Anti-epileptic medicaments

carbamazepine (~~Tegretol~~ TEGRETOL®)

divalproex sodium (~~Depakote~~ DEPAKOTE®)

felbamate (Felbatol FELBATOL®)

gabapentin (~~Neurontin~~ NEURONTIN®)

lamotrigine (~~Lamictal~~ LAMICTAL®)

oxcarbazepine (~~Trileptal~~ TRILEPTAL®)

phenytoin (~~Dilantin~~ DILANTIN®)

topiramate (~~Topamax~~ TOPAMAX®)

zonisamide (~~Zonegran~~ ZONEGRAN®)

Antimigraine medicaments

Serotonin 5HT_{1d} receptor agonists

almotriptan (~~Axert~~ AXERT[®])
frovatriptan (~~Frova~~ FROVA[®])
naratriptan (~~Amerge~~ AMERGE[®])
rizatriptan (~~Rizalt~~ RIZALT[®])
sumatriptan (~~Imitrex~~ IMITREX[®])
zolmitriptan (~~Zemig~~ ZOMIG[®])

ergot alkaloids

dihydroergotamine (DHE[®])
isometheptine/dichlorophenazone (~~Midrin~~ MIDRIN[®])
caffeine
pizotifen (~~Sanomigran~~ SANOMIGRAN[®])

Sedative-hypnotic Medicaments

benzodiazepines

alprazolam (~~Xanax~~ XANAX[®])
clonazepam (~~Kloriopin~~ KLORIOPIN[®])
clorazepate (~~Tranxene~~ TRANXENE[®])
diazepam (~~Valium~~ VALIUM[®])
flumazenil (~~Romazicon~~ ROMAZICON[®]) - antagonist
lorazepam (~~Ativan~~ ATIVAN[®])
midazolam (~~Versed~~ VERSED[®])
triazolam (~~Halcion~~ HALCION[®])

barbiturates/Anesthetics

pentobarbital (Nembutal)

Phenobarbital (Luminal LUMINAL[®])
thiopental (~~Pentothal~~ PENTOTHAL[®])

non-depressant anxiolytic

bupirone (~~BuSpar~~ BUSPAR[®])

Treatment of alcoholism

disulfiram (~~Antabuse~~ ANTABUSE[®])

Pain Management Medicaments

Opioids

Opioid Peptides

beta-endorphin
dynorphin
enkephalins

Agonists

codeine
etorphine
fentanyl (~~Sublimaze~~ SUBLIMAZE[®])
hydrocodeine
hydromorphone
meperidine (~~Demerol~~ DEMEROL[®])
methadone (~~Dolophine~~ DOLOPHINE[®])
morphine
oxycodone
propoxyphene

Agonist-antagonists

buprenorphine

Partial Agonist

dezocine (~~Dalgan~~ DALGAN[®])

nalbuphine (~~Nubain~~ NUBAIN[®])

pentazocine (~~Talwain~~ TALWAIN[®])

Antagonist

naloxone (~~Narcan~~ NARCAN[®])

Non-opiate

acetaminophen (~~tylenol~~ TYLENOL[®])

tramadol (~~ultram~~ ULTRAM[®])

Anti-Parkinsonism Medicaments

levodopa

carbidopa

bromocriptine (~~Parlodel~~ PARLODEL[®])

pergolide (~~Permax~~ PERMAX[®])

amantadine (~~Symmetrel~~ SYMMETREL[®])

selegiline (~~Deprenyl~~ DEPRENYL[®])

anticholinergic agents

dopamine Agonists

pramipexole (~~Mirapex~~ MIRAPEX[®])

ropinirole (~~Requip~~ REQUIP[®])

COMT inhibitors

entacapone (~~Comtan~~ COMTAN[®])

tolcapone (~~Tasmar~~ TASMAR[®])

Anti-Spasticity Medicaments

baclofen (~~Lioresal~~ LIORESAL[®])

botulinum toxin type A (~~Botox~~ BOTOX[®])

carisoprodol (~~Soma~~ SOMA[®], ~~Rela~~ RELA[®])

chlorphenesin (~~Maolate~~ MAOLATE[®])

chlorzoxazone (~~Paraflex~~ PARAFLEX[®])

cyclobenzaprine (~~Flexeril~~ FLEXERIL[®])

dantrolene (~~Dantrium~~ DANTRIUM[®])

diazepam (~~Valium~~ VALIUM[®])

metaxalone (~~Skelaxin~~ SKELAXIN[®])

methocarbamol (~~Robaxin~~ ROBAXIN[®])

orphenadrine (~~Nor-flex~~ NOR-FLEX[®])

tizanidine (~~Zanaflex~~ ZANAFLEX[®])

PSYCHIATRIC SYSTEM DISORDERS

Childhood psychiatric disorders

Attention Deficit Hyperactivity Disorder (ADHD) / Attention Deficit Disorder (ADD)

Eating disorders

Alzheimer's disease and Dementia Disorders

Substance abuse and Addictive Disorders

alcohol, tobacco and caffeine abuse
Schizophrenia
Depressive disorders
Bipolar disorders
Anxiety disorders
Obsessive-Compulsive disorders
Sleep disorders

Psychostimulant Medicaments

amphetamine mixed salts (~~Adderall~~ ADDERALL[®])
dextroamphetamine (~~Dexedrine~~ DEXEDRINE[®])
methylphenidate (~~Ritalin~~ RITALIN[®], ~~Concerta~~ CONCERTA[®])

Antipsychotic Medicaments (dopamine antagonists)

Phenothiazine type
chlorpromazine (~~Thorazine~~ THORAZINE[®])
fluphenazine (~~Prolixin~~ PROLIXIN[®])
Thioxanthene type
thiothixene (~~Navane~~ NAVANE[®])
Butyrophenone type
haloperidol (~~Haldol~~ HALDOL[®])
Dibenzodiazepine type
clozapine (~~Clozaril~~ CLOZARIL[®])
Thienobenzodiazepine type
olanzapine (~~Zyprexa~~ ZYPREXA[®])
quetiapine (~~Seroquel~~ SEROQUEL[®])

Antidepressant Medicaments

Tricyclic antidepressants (TCA's)
amitriptyline (~~Elavil~~ EVAVIL[®], ~~Endep~~ ENDEP[®])
clomipramine (~~Anafranil~~ ANAFRANIL[®]), also a SSRI
desipramine (Norpramin NORPRAMIN[®])
doxepin (~~Sinequan~~ SINEQUAN[®])
imipramine (~~Tofranil~~ TOFRANIL[®])
maprotiline (~~Ludiomil~~ LUDIOMIL[®])
nortriptyline (~~Aventyl~~ AVENTYL[®], ~~Pamelor~~ PAMELOR[®])
protriptyline (~~Vivactil~~ VIVACTIL[®])

Monoamine oxidase inhibitors (MAO-I's)

clorgyline (specific for MAO type A)
isocarboxazid (~~Marplan~~ MARPLAN[®])
phenelzine (~~Nardil~~ NARDIL[®])
tranylcypromine (~~Parnate~~ PARNATE[®])

Second Generation Medicaments (not including SSRIs)

amoxapine (~~Asendin~~ ASENDIN[®])
bupropion (~~Wellbutrin~~ WELLBUTRIN[®])
netazodone (~~Serzone~~ SERZONE[®])
trazodone (~~Desyrel~~ DESYREL[®])

Serotonin-Specific Reuptake Inhibitors (SSRIs)

citalopram (~~Celexa~~ CELEXA[®])
clomipramine (~~Anafranil~~ ANAFRANIL[®])
escitalopram (~~Lexapro~~ LEXAPRO[®])
fluoxetine (~~Prozac~~ PROZAC[®])
fluvoxamine (~~Luvex~~ LUVOX[®])
paroxetine (~~Paxil~~ PAXIL[®])
sertraline (~~Zoloft~~ ZOLOFT[®])

Other

lithium
mirtazapine (~~Temeron~~ TEMERON[®])
venlafaxine (~~Effexor~~ EFFEXOR[®])

Anti-anxiety agents

barbiturates
benzodiazepines
buspirone (~~Buspar~~ BUSPAR[®]) chloral hydrate
doxepin
hydroxyzine
sedative-hypnotics
serotonin reuptake inhibitors

Anti-demential Medicaments

cholinesterase inhibitors
donepezil (~~Aricept~~ ARICEPT[®])
galantamine (~~Reminyl~~ REMINYL[®])
rivastigmine (~~Exelon~~ EXELON[®])
tacrine (~~Cognex~~ COGNEX[®])

ENDOCRINOLOGIC SYSTEM DISORDERS

Diabetes mellitus
Thyroid disorders
Adrenal Gland disorders
Pituitary Gland disorders

ACTH

Adrenal androgens
Adrenocortical Function Antagonists
Mineralocorticoid antagonists

Anti-Diabetic Medicaments

Insulin
Sulfonylureas
acetohexamide (~~Dymelor~~ DYMELOR[®])
chlorpropamide (~~Diabinese~~ DIABINESE[®])
glimepiride (~~Amaryl~~ AMARYL[®])
glipizide (~~Glucotrol~~ GLUCOTROL[®])
glyburide (~~Micronase~~ MICRONASE[®], ~~DiaBeta~~ DIABETA[®])
tolazamide (~~Tolinase~~ TOLINASE[®])

tolbutamide (~~Orinase~~ ORINASE[®])

Biguanides

metformin (~~Glucophage~~ GLUCOPHAGE[®])

Alpha-glucosidase Inhibitors

acarbose (~~Preecose~~ PRECOSE[®])

miglitol (~~Glyset~~ GLYSET[®])

Thiazolidinedione Derivatives

pioglitazone (~~Actos~~ ACTOS[®])

rosiglitazone (~~Avandia~~ AVANDIA[®])

troglitazone (~~Rezulin~~ REZULIN[®])

Thyroid Disorder Medicaments

Levothyroxine

Liothyronine

Liotrix

Hypothalamic and Pituitary Gland Medicaments

bromocriptine (~~Parlodel~~ PARLODEL[®])

chorionic gonadotropin (hCG[®])

corticotropin generic (ACTH[®])

cosyntropin (~~Cortrosyn~~ CORTROSYN[®])

desmopressin (DDAVP[®])

gonadorelin acetate (GnRH) (~~Lutrepulse~~ LUTREPULSE[®])

gonadorelin hydrochloride (GnRH) (~~Factrel~~ FACTREL[®])

goserelin acetate (~~Zoladex~~ ZOLADEX[®])

growth hormone

histrelin (~~Supprelin~~ SUPPRELIN[®])

leuprolide (~~Lupron~~ LUPRON[®])

menotropins (hMG) (~~Pergonal~~ PERGONAL[®], Humegon-
HUMEGON[®])

natarelin (~~Synarel~~ SYNAREL[®])

octreotide (~~Sandostatin~~ SANDOSTATIN[®])

oxytocin (~~Pitocinit~~ PITOCINIT[®], ~~Syntocinon~~ SYNTOCINON[®])

pergolide (~~Permax~~ PERMAX[®])

protirelin (~~Thypinone~~ THYPINONE[®], ~~Relefact TRH~~ RELEFACT
TRH[®])

sermorelin (GHRH) (~~Geref~~ GEREF[®])

somatrem (~~Protropin~~ PROTROPIN[®])

somatropin (~~Humatrope~~ HUMATROPE[®], ~~Nutropin~~ NUTROPIN[®])

thyrotropin (TSH) (~~Thytropar~~ THYTROPAR[®])

urofollitropin (~~Metrodin~~ METRODIN[®])

vasopressin (Pitressin Synthetic)

GYNECOLOGIC SYSTEM AND OBSTETRIC CONDITIONS

Pregnancy and Lactation

Infertility

Contraception

Menstruation-related disorders

Endometriosis
Hormone Replacement Therapy (HRT)

Conjugated estrogens (~~Premarin~~ PREMARIN[®])
desogestrel
di-norgestrel
ethinyl diacetate
ethinyl estradiol
levonorgestrel
medroxyprogesterone
norethindrone norgestimate
progesterone

UROLOGIC SYSTEM DISORDERS

Erectile Dysfunction
Benign Prostatic Hypertrophy
Urinary Incontinence

apomorphine
alprostadit
phosphodiesterase (PDE-5) inhibitors
 sildenafil (~~Viagra~~ VIAGRA[®])
 tadalafil (~~Cialis~~ CIALIS[®])
 vardenafil (~~Levitra~~ LEVITRA[®])
tolterodine (~~Detrol~~ DETROL[®])
tamulosin (~~Flomax~~ FLOMAX[®])
yohimbine

IMMUNOLOGIC SYSTEM DISORDERS

Systemic Lupus Erythematosus and other Collagen-vascular diseases
Allergic and pseudo-allergic drug reactions

BONE AND JOINT SYSTEM DISORDERS

Osteoporosis and Osteomalacia
Rheumatoid Arthritis
Osteoarthritis
Gout and hyperuricemia

Medicaments used in the Control of Inflammation

Non-steroidal anti-inflammatory drugs (NSAIDs)

 aspirin
 diclofenac (~~Cataflam~~ CATAFLAM[®], ~~Voltaren~~ VOLTAREN[®])
 diflusnial (~~Dolobid~~ DOLOBID[®])
 etodolac (~~Lodine~~ LODINE[®])
 fenoprofen (~~Nalfon~~ NALFON[®])
 flubiprofen (~~Ansaid~~ ANSAID[®])

ibuprofen (~~Motrin~~ MOTRIN[®], ~~Advil~~ ADVIL[®], ~~Nuprin~~ NUPRIN[®])
indomethacin (~~Indocin~~ INDOCIN[®])
ketoprofen (~~Orudis~~ ORUDIS[®])
ketorolac (~~Toradol~~ TORADOL[®])
meclofenamate
nabumetone (~~Relafen~~ RELAFEN[®])
naproxen (~~Naprosyn~~ NAPROSYN[®])
oxaprozin (~~Daypro~~ DAYPRO[®])
phenylbutazone
piroxicam (~~Feldene~~ FELDENE[®])
salicylate
sulindac (~~Clinoril~~ CLINORIL[®])
tolmetin (~~Tolectin~~ TOLECTIN[®])
Cyclooxygenase-2 inhibitors (COX-2)
celecoxib (~~Celebrex~~ CELEBREX[®])
rofecoxib (~~Vioxx~~ VIOXX[®])

Arthritis and Gout Medicaments

allopurinol
anti-malarial compounds
 chloroquine
colchicine
enbrel
Glucocorticoids
Gold
methotrexate
NSAIDs
Penicillamine

Other Medicaments

alendronate (~~Fosamax~~ FOSAMAX[®])
raloxifene (~~Evista~~ EVISTA[®])

DISORDERS OF THE EYES, EARS, NOSE, AND THROAT SYSTEMS

Glaucoma

Allergic rhinitis

 Histamine-1 receptor antagonists

 brompheniramine (~~Dimetane~~ DIMETANE[®])
 cetirizine (~~Zyrtec~~ ZYRTEC[®])
 chlorpheniramine (~~Chlor-Trimeton~~ CHLOR-TRIMETON[®])
 clemastine (~~Tavist~~ TAVIST[®])
 cypheptadine (~~Periactin~~ PERIACTIN[®])
 dimenhydrinate (~~Dramamine~~ DRAMAMINE[®])
 diphenhydramine (~~Bendaryl~~ BENDARYL[®])
 doxylamine (~~Sominex~~ SOMINEX[®], ~~Unisom~~ UNISOM[®])
 fexofenadine (~~Allegra~~ ALLEGRA[®])
 loratidine (~~Claritin~~ CLARITIN[®])

Sympathomimetic medicaments
pseudoephedrine (Sudated)

DERMATOLOGIC SYSTEM DISORDERS

Acne
Psoriasis
Rosacea and pigmentation disorders

HEMATOLOGIC SYSTEM DISORDERS

Hematopoeisis
Anemias
Coagulation disorders
Sickle-cell anemia
Drug-induced hematologic disorders

Coagulation disorders Medicaments

aspirin
clopidogrel (~~Plavix~~ PLAVIX®)
fibrinolytic inhibitors
fibrinolytics
glycoprotein (GP) IIb/IIIa antagonists / monoclonal antibodies
abciximab (~~Reopro~~ REOPRO®)
eptifibatide (~~Integrelin~~ INTEGRELIN®)
tirofiban (~~Aggrastat~~ AGGRASTAT®)
heparin
low-molecular weight heparins
Plasma fractions - blood factors
ticlopidine (~~Ticlid~~ TICLID®)
vitamin K
warfarin (~~Coumadin~~ COUMADIN®)

INFECTIOUS SYSTEM DISEASES

Central Nervous System (CNS) infections
Lower Respiratory Tract Infections
Upper Respiratory Tract Infections
Skin and Soft Tissue Infections
Infective Endocarditis
Tuberculosis
Gastrointestinal Infections and Enterotoxigenic poisonings
Intra-abdominal Infections
Parasitic diseases
Urinary Tract Infections and Prostatitis
Sexually Transmitted Diseases
Bone and Joint Infections

Sepsis and Septic Shock
Superficial Fungal Infections
Invasive Fungal Infections
Infections in Immunocompromised Patients
Antimicrobial prophylaxis in Surgery
Vaccines, toxoids, and other immunobiologics
Human Immunodeficiency Virus Infection

Medicaments used in Infectious diseases

Cell Wall Synthesis Inhibitors

Penicillins

amoxicillin (~~Amoxil~~ Polymox AMOXIL POLYMOX[®])
ampicillin (~~Principen~~ PRINCIPEN[®], ~~Omnipen~~ OMNIPEN[®])
benzathine Penicillin G
benzyl Penicillin (~~Penicillin~~ G PENICILLIN G[®])
carbenicillin (~~Geocillin~~ GEOCILLIN[®])
cloxacillin (~~Cloxapen~~ CLOXAPEN[®])
dicloxacillin (~~Dynapen~~ DYNAPEN[®])
methicillin (~~Stapheillin~~ STAPHCILLIN[®])
mezlocillin
nafcillin (~~Nafeil~~ NAFCIL[®], ~~Unipen~~ UNIPEN[®])
oxacillin
phenoxymethyl Penicillin (~~Penicillin~~ V PENICILLIN V[®])
piperacillin (~~Piprach~~ PIPRACH[®])
ticarcillin (~~Ticar~~ TICAR[®])

Cephalosporins

1st generation:

cefazolin (~~Ancef~~ ANCEF[®], ~~Defzol~~ DEFZOL[®])
cephalexin (~~Keflex~~ KEFLEX[®])
cephatothin (~~Keflin~~ KEFLIN[®])

2nd generation:

cefaclor (~~Ceclor~~ CECLOR[®])
cefoxitin (~~Mefoxin~~ MEFOXIN[®])
cefprozime (~~Vantin~~ VANTIN[®])
cefuroxime (~~Zinacef~~ ZINACEF[®], ~~Ceftin~~ CEFTIN[®])
loracarbef (~~Lorabid~~ LORABID[®])

3rd generation:

cefoperazone
cefotaxime (~~Claforan~~ CLAFORAN[®])
cefotetan
ceftazidime (~~Fortax~~ FORTAX[®], ~~Taxidime~~ TAXIDIME[®], ~~Tazicef~~ TAZICEF[®])
ceftriaxone (~~Rocephin~~ ROCEPHIN[®])
veftizoxime (~~Cefizox~~ CEFIZOX[®])

4th generation:

cefepime

Other beta-Lactams aztreonam (~~Azaetan~~ AZACTAN[®])
clavulanic acid
imipenem (~~Primaxin~~ PRIMAXIN[®])
meropenem (~~Merrem IV~~ MERREM IV[®])
sulbactam

Other Cell-Wall Synthesis Inhibitors bacitracin
cycloserine
fosfomycin (~~Monurol~~ MONUROL[®])
vancomycin (~~Vancoecin~~ VANCOCIN[®])

Agents Which Affect Cell Membranes
Polymixins
Colistimethate
Potymyxin B

Protein Synthesis Inhibitors
Aminoglycosides
amikacin (~~Amikin~~ AMIKIN[®])
gentamicin (~~Garamycin~~ GARAMYCIN[®])
kanamycin (~~Kantrex~~ KANTREX[®])
neomycin
netilmicin (~~Netromycin~~ NETROMYCIN[®])
streptomycin
tobramycin

Tetracyclines
demeclocycline (~~Deelomycin~~ DECLOMYCIN[®])
doxycycline
doxycyclmne (~~Vibramycin~~ VIBRAMYCIN[®], ~~Doryx~~ DORYX[®])
tetracycline (~~Achromycin~~ ACHROMYCIN[®])

Macrolides
azithromycin (~~Zithromax~~ ZITHROMAX[®])
clarithromycin (~~Biaxin~~ BIAXIN[®])
erythromycin esters erythromycin

Other Protein Synthesis Inhibitors
Chloramphenicol (~~Chloromycetin~~ CHLOROMYCETIN[®])
Clindamycin (~~Cleocin~~ CLEOCIN[®])
Spectinomycin (~~Trobicin~~ TROBICIN[®])

Inhibitors of Folate-Dependent Pathways
co-trimoxazole
silver Sulfadiazine
sodium Sulfacetamide
sulfamethoxazole (~~Gantanol~~ GANTANOL[®])
sulfasalazine (~~Azulfidine~~ AZULFIDINE[®]) (~~Salicylazosulfapyridine~~ SALICYLAZOSULFAPYRIDINE[®])
sulfisoxazole (~~Gantrisin~~ GANTRISIN[®])
sulfonamides

Dihydrofolate Reductase Inhibitor
trimethoprim

DNA Gyrase Inhibitors

ciprofloxacin (~~Cipro~~ CIPRO[®])
gatifloxacin (~~Tequin~~ TEQUIN[®])
levofloxacin (~~Levaquin~~ LEVAQUIN[®])
lomefloxacin (~~Maxaquin~~ MAXAQUIN[®])
nalidixic acid
ofloxacin (~~Floxin~~ FLOXIN[®])

Urinary Tract Antiseptics

nitrofurantoin

Antimycobacterial Agents

First-line anti-TB medicaments

ethambutol
isoniazid (INI-I[®])
pyrazinamide
rifampin (~~Rimaectane~~ RIMACTANE[®])
streptomycin

Second-line anti-TB medicaments

capreomycinA
cycloserine
dapsone
ethionamide
para-aminosalicylic acid

AntiFungal Agents

amphotericin B (~~Fungizone~~ FUNGIZONE[®], ~~Amphotec~~ AMPHOTEC[®])
clotrimazole (~~Mycelex~~ MYCELEX[®])
fluconazole (~~Diflucan~~ DIFLUCAN[®])
flucytosine
griseofulvin
itraconazole (~~Sporanox~~ SPORANOX[®])
ketoconazole (~~Nizoral~~ NIZORAL[®])
miconazole (~~Monistat~~ MONISTAT[®])
nystatin (~~Mycostatin~~ MYCOSTATIN[®])

AntiParasitic Agents

Antimalarials

chloroquine (~~Aralen~~ ARALEN[®])
mefloquine (~~Lariam~~ LARIAM[®])
primaquine
pyrimethamine-sulfadoxine (~~Fansidar~~ FANSIDAR[®])

Anti protozoals

metronidazole (~~Flagyl~~ FLAGYL[®])
pentamidine isethionate
pyrimethamine-sulfonamide
trimethoprim (generic) sulfamethoxazole (~~Gantanol~~ GANTANOL[®])

Antihelminthic Medicaments

mebendazole
praziquantel (~~Biltricide~~ BILTRICIDE[®])
pyrantel pamoate
thiabendazole (~~Mintezol~~ MINTEZOL[®])

Antiviral Medicaments

acyclovir (~~Zovirax~~ ZOVIRAX[®])
didanosine (DDI[®])
foscarnet (~~Foscavir~~ FOSCAVIR[®])
ganciclovir (DHPG[®], ~~Cytovene~~ CYTOVENE[®])
ribavirin
rimantadine
stavudine (d4T)
valacyclovir (~~Valtrex~~ VALTREX[®])
vidarabine (~~Vira-A~~ VIRA-A[®])
zalcitabine (~~ddC~~ DDC[®])
zidovudine (~~Azidothymidine~~ AZIDOTHYIMIDINE[®], AZT[®])

Protease inhibitors

indinavir (~~Crixivan~~ CRIXIVAN[®])
ritonavir (~~Norvir~~ NORVIR[®])
saquinavir (~~Fortovase~~ FORTOVASE[®])

ONCOLOGIC AND IMMUNOLOGICAL DISORDERS

Breast Cancer
Lung Cancer
Colorectal Cancer
Prostate Cancer
Malignant Lymphomas
Ovarian Cancer
Acute Leukemias
Chronic Leukemias
Melanoma and other Skin Cancers
Hematopoietic Stem Cell Transplantation

Anti-neoplastic Medicaments

Alkylating Agents

busulfan (~~Myleran~~ MYLERAN[®])
carboplatin (~~Paraplatin~~ PARAPLATIN[®])
carmustine (~~BNCU~~ BNCU[®], BiCNU[®])
cisplatin (~~Platinol~~ PLATINOL[®])
cyclophosphamide (~~Cytexan~~ CYTOXAN[®])
ifofamide (~~Ifex~~ IFEX[®])
lomustine (CCNU[®], CeeNU[®])
mechlorethamine (~~Mustargen~~ MUSTARGEN[®])
meiphalan (~~Alkeran~~ ALKERAN[®])
procarbazine (~~Matulane~~ MATULANE[®])
thiotepa

Antimetabolites

folic acid Antagonist
methotrexate

Purine Antagonists 6-mercaptopurine
6-thioguanine

Pyrimidine Antagonists
cytarabine (ARA-C[®])
fluorouracil (5-FU[®])

Hormonal Agents: Hormones
diethylstilbestrol (DES[®])
estrogens
prednisone (~~Deltasone~~ DELTASONE[®])

Modulation of Hormone Release & Action Aminoglutethimide
leuprolide acetate
tamoxifen (~~Nolvadex~~ NOLVADEX[®])

Plant Alkaloids

Vinca Alkaloids
vinblastine (~~Velban~~ VELBAN[®])
vincristine (Oncovin ONCOVIN[®])

Podophyllotoxins
Etoposide (VP-16[®])

Other
docetaxel (~~Taxotere~~ TAXOTERE[®])
paclitaxel (~~Taxol~~ TAXOL[®])

Antibiotics

bleomycin (~~Blenoxane~~ BLENOXANE[®])
dactinomycin (~~Cosmegen~~ COSMEGEN[®])
daunorubicin (~~DaunoXome~~ DAUNOXOME[®])
doxorubicin (~~Adriamycin~~ ADRIAMYCIN[®])
mitomycin (~~Mutamycin~~ MUTAMYCIN[®])

Other Anti-neoplastic Medicaments

amsacrine (AMSA[®])
azathioprine (~~Imuran~~ IMURAN[®])
capecitabine (~~Xeloda~~ XELODA[®])
chlorambucil (~~Leukeran~~ LEUKERAN[®])
cyclosporine (~~Sandimmune~~ SANDIMMUNE[®], ~~Neoral~~ NEORAL[®])
gemcitabine (~~Gemzar~~ GEMZAR[®])
hydroxyurea (~~Hydrea~~ HYDREA[®])
mitotane (~~Sodren~~ SODREN[®])
mitoxantrone (~~Novantrone~~ NOVANTRONE[®])
pamidronate (~~Aredia~~ AREDIA[®])

Immunosuppressant Medicaments

15-desoxyspergualin
corticosteroids
cyclosporine
Interferons

Interleukins
mycophenolate mofetil
sirolimus (~~rapamycin~~ RAPAMYCIN®)
tacrolimus
thalidomide

NUTRITIONAL DISORDERS

Malnutrition, vitamin and mineral deficiencies

Enteral Nutrition

Obesity

orlistat (~~Xenical~~ XENICAL®)

appetite suppressants

sympathomimetic stimulants

amphetamine stimulants

Mineral supplementation

calcium ion iodine

iron

magnesium ion

phosphorous

potassium ion

selenium

sodium ion

zinc

Fat-soluble vitamins

vitamin A

vitamin D

vitamin E

vitamin K

Water-soluble vitamins

vitamin C

thiamine (vitamin B1)

riboflavin (vitamin B2)

niacin (vitamin B3)

pyridoxine (vitamin B6)

folate

cyanocobalamin (vitamin B12)

MEDICAMENTS USED TO ALLEVIATE SYMPTOMS OF ALLERGIC RHINITIS, UPPER RESPIRATORY SYMPTOMS, COUGH, MILD ACHES AND PAINS

Nasal Decongestants

ephedrine

phenylephrine

phenylpropanolamine

pseudoephedrine

Antihistamines (Histamine-1 receptor antagonists)

Antitussive agents

benzonatate
codeine
dextromethorphan

Expectorants

guaifenesin
iodinated glycerol
terpin hydrate

Xanthines

aminophylline
caffeine
dyphylline
theophylline

Pain relievers

narcotic agonists
NSAIDS
acetaminophen

DIETARY SUPPLEMENTS

Arnica
Bilberry
Black Cohosh
Cat's claw
Chamomile
Echinacea
Evening Primrose Oil
Fenugreek
Flaxseed
Feverfew
Garlic
Ginger root
Ginkgo biloba
Ginseng
Goldenrod
Hawthorn
Kava-Kava
Licorice
Milk thistle
Psyllium
Rauwolfia
Senna
Soybean
St. John's wort
Saw palmetto
Turmeric
Valerian

THERAPEUTIC PROTEINS and Biotechnology Medicaments

Additional Agents: Nervase NORVACS[®], Neurontin NEURONTIN[®], Paxil PAXIL[®], Augmentin AUGMENTIN[®], Propecia PROPECIA[®], Lamisil LAMISIL[®], Lescol LESCOL[®], bisphosphonate.

OTHER DRUGS

abacavir sulfate
acetazolamide
acetylsalicylic acid
albendazole
allopurinol
amiloride hydrochloride
amitriptyline hydrochloride artemether
atropine sulfate
benznidazole
biperiden hydrochloride
chloroquine phosphate
chlorpheniramine maleate
chlorpromazine hydrochloride
cimetidine
ciprofloxacin hydrochloride
clofazimine
clomiphene citrate
clomipramine hydrochloride
cloxacillin sodium
codeine phosphate
dapsone
didanosine
diethylcarbamazine citrate
digoxin
diloxanide furoate
DL-methionine
Doxycycline
Efavirenz
ergometrine maleate
ergotamine tartrate
erythromycin ethyl succinate
ethambutol hydrochloride
ethosuximide
ferrous sulfate

- Please replace the paragraph starting at page 135, line 12, with the following rewritten paragraph:

Further by way of examples, capsules containing ~~Zefran~~ ZOFRAN[®] (ondansertron), ~~Temodar~~ TEMODAR[®] (temozolomide) can be made.